

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A method for promoting the growth of shoots from a log, the method comprising the step of applying at least one cytokinin to a member of the group consisting of an Alder log, a Beech log and a Birch log, in an amount sufficient to promote the growth of shoots from the log.
2. The method of Claim 1 wherein the cytokinin is applied to the log as an aqueous solution.
3. The method of Claim 2 wherein the aqueous solution is applied to the log as a mist.
4. The method of Claim 1 wherein the cytokinin is continuously applied to the log.
5. The method of Claim 1 wherein the cytokinin is intermittently applied to the log.
6. The method of Claim 1 wherein the cytokinin is applied to the log at least once per week on each week of a series of successive weeks.
7. The method of Claim 1 wherein the cytokinin is selected from the group consisting of benzylaminopurine, 6-furylfurylaminopurine, 6-(4-Hydroxy-3-methylbut-2-enylamino)purine, and 6-( $\gamma,\gamma$ -Dimethylallylamino)purine.
8. The method of Claim 1 wherein the cytokinin consists essentially of benzylaminopurine.
9. The method of Claim 2, wherein the concentration of the cytokinin in the aqueous solution is from about 5 mg/L to about 100 mg/L.
10. The method of Claim 9 wherein the cytokinin is selected from the group consisting of benzylaminopurine, 6-furylfurylaminopurine, and 6-(4-Hydroxy-3-methylbut-2-enylamino)purine.

11. The method of Claim 2, wherein the concentration of the cytokinin in the aqueous solution is from about 0.5 mg/L to about 10 mg/L.

12. The method of Claim 11 wherein the cytokinin consists essentially of 6-( $\gamma,\gamma$ -Dimethylallylamino)purine.

13. The method of Claim 1 wherein the cytokinin is benzylaminopurine present in an aqueous solution at a concentration in the range of from about 5 mg/L to about 100 mg/L, and the benzylaminopurine is applied to the log as a mist from once to three times per week for at least three weeks.

14. The method of Claim 1 further comprising applying a fertilizer, that includes no more than about 0.01% (w/v) nitrogen, to the log in an amount sufficient to promote the growth of shoots from the log.